

OMAR MOUSA

Full Stack Engineer | Software Developer

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PROFESSIONAL SUMMARY

Computer Science graduate with hands-on experience in full-stack software development, building web applications using JavaScript, React, Node.js, Express, MongoDB, and PostgreSQL. Experienced in application development, RESTful web services, API integration, authentication systems, debugging, and software engineering fundamentals, including data structures, algorithms, and object-oriented programming. Familiar with deployment workflows using Docker, CI/CD, Railway, and Vercel. Seeking a Full Stack Engineer internship where I can contribute to the development and deployment of production software systems.

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, C, C++, PHP, SQL

Front-End Development: React.js, HTML5, CSS3, Responsive Design, Context API

Back-End Development: Node.js, Express.js, REST APIs, JWT Authentication, MVC Architecture, Web Services

Databases: PostgreSQL, MongoDB, MySQL

DevOps & Deployment: Docker, GitHub Actions (CI/CD), Railway, Vercel, Linux, Git, GitHub

Software Engineering: Data Structures, Algorithms, OOP, Design Patterns, SDLC, Version Control, Debugging, Performance Optimization

AI & Automation: OpenAI API, LLM Integration, Prompt Engineering

PROFESSIONAL EXPERIENCE

Web Development Intern — TechTalks Community (2025)

- Participated in software development projects and collaborated with mentors to build and improve web applications.
- Developed application features using JavaScript, React, and backend technologies.
- Worked with APIs and web services to integrate external systems and application functionality.
- Performed debugging, bug fixing, testing, and code reviews to improve software quality.
- Applied software engineering principles, version control workflows, and development best practices.

PROJECTS

FACTOS — Full Stack News Platform (2026)

- Designed and developed a full-stack news aggregation platform using React, Node.js, Express, and MongoDB.
- Integrated multiple external news APIs and implemented article deduplication logic.
- Built secure JWT authentication and authorization systems with protected routes.
- Developed more than 20 reusable React components to improve maintainability and development speed.
- Implemented advanced search and filtering capabilities for article discovery.
- Integrated AI-powered content analysis using LLM APIs.
- Deployed application builds through modern deployment workflows and cloud hosting platforms.

- Improved application performance through optimized API requests and frontend rendering strategies.

Technologies: React, Node.js, Express, MongoDB, JWT, REST APIs, OpenAI API, Docker, CI/CD

NEURALIFT — Productivity Platform (2025)

- Developed a productivity application for task management, scheduling, and planning.
- Built a Pomodoro timer with real-time session tracking functionality.
- Integrated AI-assisted planning and productivity features.
- Designed responsive interfaces optimized for desktop and mobile devices.
- Applied software design principles to support scalability and future feature expansion.

Technologies: React, JavaScript, Node.js, REST APIs

EDUCATION

Lebanese University

Bachelor of Science in Computer Science (2025)

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Piscine Certificate of Completion (2024)

Intensive software engineering program focused on algorithms, problem solving, peer learning, and C programming.

CERTIFICATIONS

Google Cybersecurity Professional Certificate (2024)

Cisco Networking Academy – Cybersecurity & Network Security (2024)

LANGUAGES

Arabic — Native

English — Fluent